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4 pp.

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[BNSL] T. 1451 [DSIR] NLL M. 10106.
Order from OTS, SLA, or ETC \$1.10 TT-63-23369

Trans. of Vysokomolekulyarnye Soedineniya (USSR)
1959, v. 1, no. 3, p. 474-481. (Abstract available)

DESCRIPTORS: *Block polymers, *Molecular isomerism,
Stereochemistry, Methyl radicals, Infrared spectro-
scopy, *Dichroism, Molecular structure,

Comparison of the dichroic ratios for the bands of
certain characteristic vibrations of the CH_2 and $(\text{CH}-\text{CH}_2-\text{CH}_2-\text{CH})_n$
groups in stereospecific polymers of the type $(-\text{CH}_2-\text{CH}-\text{CH}_2-\text{CH})_n$
enables definite conclusions to be drawn about
the type of stereoregularity. Simple results were ob-
tained by neglecting the coupling between the vibrations
(Chemistry--Physical. TT, v. 11, no. 7) (over)

TT-63-23369

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- II. BNSL T-1451
- III. DSIR NLL M. 1016
- IV. British Nylon Spinners Ltd.
London

76455

Office of Technical Services

functional features of these cells from a study of their differentiation and from the identification of specific substances (sympathomimetic amines) in them that indicate their functional significance. The data confirm that the mammalian carotid body belongs to the paraganglionic system by its genetic, morphological and functional properties. The same can be said of avian cervicothoracic paraganglia although their functional significance remains unclear. (Extracted)

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DESCRIPTORS: *Polymers, *Esters, *Resins, *Styrene, Copolymerization, Polymerization, Hydrolysis, Quantitative analysis, Molecular structure, Physical properties, Chemical properties.

The solidified products of copolymerization of several kinds of synthesized unsaturated polyesters and styrene are analyzed by saponification. In the solidified product obtained from the polyester sample with an equivalent amount of (styrene) monomer, and from those (Materials--Plastics, TT, v. 7, no. 10) (over)

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(Materials--Ceramics, TT, v. 11, no. 12)

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~~OP SECRET 6/2/60~~

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ABC DEFG-HI-JK-LM-NOP-QR-ST-UV-WX-YZ-1234567890

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SEC. 402

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DETERMINATION OF NITROGEN IN COMMERCIAL
FERROUS ALLOYS. [1961] [9]p. (3 figs. omitted)
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61-18463

Trans. of Zeitschrift für Analytische Chemie
(Germany) 1942, v. 124, p. 216-226.

DESCRIPTORS: *Steel, *Iron alloys, *Nitrogen,
Determination, Chemical reactions, Colorimetric
analysis, Sodium compounds, Hydroxides.

By preliminary tests the conditions were verified which
must be adhered to when using the Nessler reaction
for accurate quantitative colorimetric determinations
of ammonia. Based on these preliminary tests, a
method was developed for the determination of nitrogen
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